

Title (en)

Tread for tyre

Title (de)

Lauffläche für Reifen

Title (fr)

Bande de roulement pour pneumatique

Publication

EP 0787601 B1 20070103 (FR)

Application

EP 97100844 A 19970121

Priority

FR 9601254 A 19960130

Abstract (en)

[origin: EP0787601A1] The tread surface (6), of a pneumatic vehicle tyre, is composed of a tread strip (5) round the circumference. The index surface (i) has a number of cuts across the tread at regular intervals round the circumference. Each cut, in the new tyre, has a mean width (Lo) more than zero and max. 2 mm to give a ratio of mean notches round the circumference (Tci) expressed as the surface area of cuts in the total tread surface area. Each index circumference strip (i) has a mean curvature radius (Rci) measured at the tread surface at its centre zone. Each index circumference trip (i) has a mean thickness (Ei) measured between the tread surface and the outer surface (4) of the reinforcement strip (3), at the centre. The ratio of circumference cuts (Tci) is selected as a function of the thickness (Ei) and the mean curvature radius (Rci) so that, when in contact with the ground, all the surface cuts are closed as they contact the ground.

IPC 8 full level

B60C 11/04 (2006.01); **B60C 11/12** (2006.01)

CPC (source: EP US)

B60C 11/12 (2013.01 - EP US); **B60C 2011/1213** (2013.01 - EP US); **Y02T 10/86** (2013.01 - EP US)

Citation (examination)

US 4298046 A 19811103 - HERBELLEAU YVES, et al

Cited by

WO2015075037A1; WO2012032144A1; WO2011073313A1; CN105745093A; FR2964600A1; EP2990231A4; FR2954220A1; CN102686416A; RU2502608C1; US9873292B2; WO2018044305A1; WO2018045125A1; US9233580B2

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